IN THE CLAIMS

Please take action regarding the claims so that the status is as follows:

1. (Currently Amended) An electrical power supply system [[(1)]] for an electrically powered motor vehicle, said vehicle including an electric motor [[(3)]], a transmission device for transmitting energy between the drive wheels [[(2)]] and the motor [[(3)]], and electrical accessories [[(4)]], in particular an air-conditioning device, said system [[(1)]] comprising a first rechargeable battery [[(5)]] serving to power the electric motor [[(3)]] and a second rechargeable battery [[(6)]] serving to power the electrical accessories [[(4)]] of the vehicle, said system being characterized in that the first battery [[(5)]] and the second battery [[(6)]] are connected in parallel to said motor [[(3)]] via a switch device, said switch device being arranged to switch the current for powering the motor [[(3)]] from the first battery [[(5)]] to the second battery [[(6)]] and conversely as a function of at least one energy threshold, [[the]] said energy threshold being a predetermined value for which the energy delivered by the first battery is not sufficient for the motor to have the power necessary to move the vehicle.

2. (Currently Amended) A system according to claim 1, characterized in that the first battery [[(5)]] is a battery of the Lithium-ion or Lithium-ion-polymer type.

3. (Currently Amended) A system according to claim 1 ~~or claim 2~~, characterized in that the second battery [[(6)]] is a battery of the Lithium-metal-polymer type.

4. (Currently Amended) A system according to ~~any one of claims 1 to 3~~ claim 1, characterized in that the first battery [[(5)]] is capable of delivering power lying approximately in the range 40 kW to 55 kW.

5. (Currently Amended) A system according to ~~any one of claims 1 to 4~~ claim 1, characterized in that the second battery [[(6)]] is capable of delivering power of about 15 kW.

6. (Currently Amended) A method of controlling an electrical power supply system [[(1)]] for an electrically powered motor vehicle according to ~~any one of claims 1 to 5~~ claim 1, said method being characterized in that it consists in:

- acting, when the energy delivered by the first battery [[(5)]] is greater than a discharge energy threshold, to cause the motor [[(3)]] to be powered by the first battery [[(5)]] so as to drive the drive wheels [[(2)]] via the transmission device; and

- acting, when the energy delivered by the first battery [[(5)]] is less than the discharge energy threshold, to activate the switch device so as to cause the motor [[(3)]] to be powered by the second battery [[(6)]], and so as to drive the wheels [[(2)]] via the transmission device.

7. (Currently Amended) A method according to claim 6, characterized in that it further consists in:

- acting, when the energy necessary for the motor [[(3)]] is greater than a low energy threshold, to cause the motor [[(3)]] to be powered by the first battery [[(5)]] so as to drive the drive wheels [[(2)]] via the transmission device; and

- acting, when the energy necessary for the motor [[(3)]] is less than the low energy threshold, to activate the switch device so as to cause the motor [[(3)]] to be powered by the second battery [[(6)]] and so as to drive the wheels [[(2)]] via the transmission device.

8. (Currently Amended) A method according to claim 6 ~~or claim 7~~, characterized in that it further consists in acting, in

the event of deceleration, to cause the switch device to be activated so as to deliver a recharging current essentially to the first battery [[(5)]] by transmission of energy from the wheels [[(2)]] to the motor [[(3)]].

9. (Currently Amended) An electrically powered motor vehicle including electrical accessories [[(4)]], said motor vehicle being characterized in that it includes an electrical power supply system [[(1)]] according to ~~any one of claims 1 to 5~~ claim 1.